Sheet 1 of 1

Form PTO-1449 (REV. 8-83)  US Dept. of Commerce PATENT & TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY DOCKET NO. 112160	APPLICATION NO. 10 090,781
	APPLICANT(S) Shinichi TAKESHIMA et al.	
	FILING DATE March 6, 2002	GROUP <del>777</del> 3748700

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
BS	1	U.S. 5,492,678	Feb. 20, 1996	Ota et al.	—	—

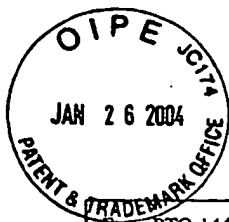
## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
BS	2	EP 1 077 078 A2	Feb. 21, 2001	Europe	—	—

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER  BINH Q. TRAN	DATE CONSIDERED 02/04/05
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Date: July 17, 2003

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112160		APPLICATION NO. 10/090,781	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Shinichi TAKESHIMA et al.			
				FILING DATE March 6, 2002		GROUP <del>1744</del> 3748	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
PS	1	5,155,994	10/20/1992	MURAKI et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
PS	2	JP A 04-243525 w/ Abstract	8/31/1992	Japan	—	—	
PS	3	JP A 08-105317 w/ Abst & Trans	4/23/1996	Japan	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER BIM Q. TRAN				DATE CONSIDERED 02/04/05			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: January 26, 2004



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